

1

2 CLAIMS

3 3. Please amend the claims to cancel claim 1.

4

5 4. Please amend the claims as follows:

6

7 Claim 1. (Canceled)

8

9 Claim 2. (New) A process for digesting materials comprising:

10 receiving a stream of materials to be treated into at least one reaction container including a group

11 of microbes within the reaction container, whereby the microbes digest organic material in the

12 stream of materials;

13

14 digesting the stream of materials in a bacterial growth phase;

15

16 draining the liquid from the at least one reaction container to dry the remaining materials;

17

18 repeating the process until the desired output is achieved.

19

20

21 Claim 3. (New) The process for digesting materials of claim 2, wherein the stream of materials

22 to be treated comprises substantially organic agricultural waste.

1 Claim 4. (New) The process for digesting materials of claim 2, wherein the methane produced in
2 the process is collected.
3
4

5 Claim 5. (New) A waste digesting system comprising:
6 at least one reaction container including a group of microbes within the reaction container,
7
8 means for controlling the flow of a stream of materials to be treated;
9
10 means for controlling an outflow of a stream of materials that have been treated..
11
12

13 Claim 6. (New) The waste digesting system of claim 5, further comprising means for measuring
14 the temperature in the at least one reaction container.
15
16
17
18
19
20
21
22